

A process for the purification of 10-deacetylbaccatin III by centrifugal partition chromatography process comprising centrifuging in a suitable centrifugal partition chromatography apparatus, for a time sufficient to purify said 10-deacetylbaccatin III, impure 10-deacetylbaccatin III and at least two solvents which are capable of forming two partially miscible phases, wherein said two solvents are a mixture of at least one aliphatic ketone and water, and wherein the partition coefficient between the two partially miscible phases ranges from 0.1 to 10.